

IN THE SPECIFICATION: [REMOVE IF NOT APPLICABLE]

The specification as amended below with replacement paragraphs shows added text with underlining and deleted text with ~~strikethrough~~.

Please REPLACE paragraph [0033], with the following paragraph:

**[0033]** FIG. 4 is a block diagram of an apparatus according to the present invention that automatically controls a laser ~~diode~~diode. The components of the apparatus shown in FIG. 4 that have the same reference numerals as those of the apparatus shown in FIG. 3 have the same operating functions and thus a detailed description will be omitted. In FIG. 4, the solid lines represent the flow of data and control signals, and the broken lines-line boxes represent ~~the flow of a control signal~~the register unit 308, the basic register unit 310, and the operator unit 312, respectively. The apparatus shown in FIG. 4 includes a photo diode (PD) & I/V amplifier 302, an analog/digital converter 304, a demultiplexer 306, a register unit 308, a basic register unit 310, an operator unit 312, a multiplexer 314, a digital/analog converter 316, a laser diode 318, a pulse generator 320, an NRZI detector 322, and a controller 324.